



# FACILITY COMPLIANCE INSPECTION REPORT

## Division of Waste Management

### Solid Waste Section

**UNIT TYPE:**

Lined MSWLF		LCID		YW		Transfer		Compost	X	SLAS		COUNTY: YANCEY PERMIT NO.: SWCD-100-01 FILE TYPE: COMPLIANCE
Closed MSWLF		HHW		White goods		Incin		T&P		FIRM		
CDLF		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO	X	SDTF		

**Date of Site Inspection:** 10/03/2013

**Date of Last Inspection:** 10/19/2012

**FACILITY NAME AND ADDRESS:**

MayTime Composting Systems  
Double Island Road  
Burnsville, N.C.

**GPS COORDINATES:** N: 35.935222 E: -82.214942

**FACILITY CONTACT NAMES AND PHONE NUMBER:**

Mark E. Langner  
Telephone: 828-231-9352  
Fax: 828-765-2235  
[mark.langner@gmail.com](mailto:mark.langner@gmail.com)

**FACILITY CONTACT ADDRESS:**

125 Ewing Lane  
Burnsville, N.C. 28714

**PARTICIPANTS:**

Mark Langner, Owner and Operator  
Deb Aja – Solid Waste Section

**STATUS OF PERMIT:**

Solid Waste Composting Demonstration, approval issued February 21, 2012 and expires on February 21, 2014.

**PURPOSE OF SITE VISIT:**

Comprehensive Inspection

**STATUS OF PAST NOTED VIOLATIONS:**

N/A.

**OBSERVED VIOLATIONS:**

There were no violations observed.

The item(s) listed above were observed by Section staff and require action on behalf of the facility in order to come into or maintain compliance with the Statutes, Rules, and/or other regulatory requirements applicable to this facility. Be advised that pursuant to N.C.G.S. 130A-22, an administrative penalty of up to \$15,000 per day may be assessed for each violation of the Solid Waste Laws, Regulations, Conditions of a Permit, or Order under Article 9 of Chapter 130A of the N.C. General Statutes. Further, the facility and/or all responsible parties may be subject to enforcement actions including penalties, injunction from operation of a solid waste management facility or a solid waste collection service and any such further relief as may be necessary to achieve compliance with the North Carolina Solid Waste Management Act and Rules.

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**ADDITIONAL COMMENTS**

1. The Demonstration Project is for a Small Type 3 composting facility to demonstrate the feasibility of producing compost from animal manures, sawdust and woodchips, yard waste, agricultural waste, and pre- and post-consumer food waste. Compost is produced in aerated bins and by vermiculture. On March 4, 2013, an extension was granted for the continued operations of the Demonstration Project to February 21, 2014. The original conditions of approval remain in effect.
2. Primary composting of approved feedstocks is conducted in aerated bins to produce a food source for vermiculture. The secondary compost is produced by vermicomposting; worm castings are the final product of the composting operations.
3. As of the date of the inspection the first batch of vermicompost had not been produced. Testing of the first batch of vermicompost is required to include metals, pathogens, and manmade inert materials prior to distribution. Please contact Tony Gallagher, Composting and Land Application Branch Supervisor, at 919-707-8280 or by email at [tony.gallagher@ncdenr.gov](mailto:tony.gallagher@ncdenr.gov) for prior approval to distribute any compost from the primary composting process (see item #8 of the original approval letter dated February 21, 2012).
4. The three covered aerated bins were inspected. Bins #1 and #2 were in process; Bin #3 contained finished compost that was ready to for the vermiculture process. Manmade inerts were not observed.
5. Temperature records are maintained for the primary composting process, however are not required at this time as there is not distribution.
6. Composting at the site was limited to those materials specified in the Demonstration Project Application. An average of 400 pounds per week of food waste had been accepted at the facility during the past quarter.
7. The concrete pad in front of the bins was extended to control any run-on and run-off in that area.
8. The covered receiving and mixing area had one pile of feedstocks and a pile of bulking materials stockpiled to incorporate into the bins.
9. There was no surface water present at the operational, compost curing, and storage areas. Drainage at the site appeared to be well controlled.
10. There was no evidence of erosion or movement of silt or contaminants from the site.
11. Odors were effectively controlled. There was a faint odor of coffee grounds detected immediately adjacent to the mixing area. No other odors were detected in the structures or at the site.
12. Vectors were effectively controlled. Rodent traps were set around the facility and in the vermiculture building. Flies and other vectors were not observed.
13. There was no leachate observed at the facility. Leachate appeared to be effectively controlled.
14. The access road was well maintained and the facility appeared to be well operated.

Please contact me if you have any questions or concerns regarding this inspection report.



Deborah Aja  
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**Regional Representative**  
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Sent on: October 15, 2013 to	X	Email		Hand delivery		US Mail		Certified No. <u>  </u>
Mark Langner by:								

EC: Jason Watkins, Western District Supervisor  
Tony Gallagher, Composting and Land Application Branch Supervisor  
Sarah Rice, Compliance Officer